

**TOSHIBA**

FILE NO. 023-200302  
(REVISED.1)

## SERVICE MANUAL

# Color Television

N3ES Chassis

**32A33**

### **— SUMMARY —**

32A33 is the same as 36A43 except for the parts tabled on this manual.  
Use this service manual together with the service manual of 36A43 (File No. 020-200303).

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This manual is reproduced due to misprinting in previous issue 32A33 (File No.023-200302). Hereafter, please use this revised service manual. (Issue to April 2004)

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# REPLACEMENT PARTS LIST DIFFERENCES

Location	Parts No.	Description	Location	Parts No.	Description
<b>CAPACITORS</b>					
C442	24503304	PLASTIC FILM CF92 T 315V R56UF J			
C443	24503279	PLASTIC FILM, 1500VH 9100PF H			
C818	24503237	PLASTIC FILM CF92 T 1250VH 2200PF H			
CG05	24092789	CERAMIC CHIP, 6.3V B 1UF K			
<b>RESISTORS</b>					
R460	24366472	CARBON FILM, 1/6W 4.7K OHM J			
<b>COILS &amp; TRANSFORMERS</b>					
L441	23233107	COIL, LIN-X20H37-3.5A-18MMH TLN2138AH			
L447	23248323	COIL, CHOKE 18X29H 47MMH TLN3456A1			
L502	23289926	COIL, PEAKING, TRF4470AU			
△ L901	23200478	COIL, DG 0.60CU 37T-2LOOP TSB-2417AH			
LA01	23289918	COIL, PEAKING, TRF4100AU			
LG01	23289922	COIL, PEAKING, TRF4220AU			
LI02	23246196	COIL, CHIP INDUCTOR, TRF41R2CG			
LI51	23289926	COIL, PEAKING, TRF4470AU			
LI52	23289919	COIL, PEAKING, TRF4120AU			
LI53	23289921	COIL, PEAKING, TRF4180AU			
LI55	23289907	COIL, PEAKING, TRF4129AU			
LI56	23289921	COIL, PEAKING, TRF4180AU			
LI57	23289898	COIL, PEAKING, TRF4R22AU			
LV01	23289918	COIL, PEAKING, TRF4100AU			
LZ01	23289918	COIL, PEAKING, TRF4100AU			
△ T801	23211781	COIL, LINE FILTER 26X31H TRF3229AR			
<b>SEMICONDUCTORS</b>					
Q611	23205264	TRANSISTOR, NPN KTC2874A			
Q613	23205264	TRANSISTOR, NPN KTC2874A			
QA02	23009643	IC, 4K BIT CMOS EEPROM AT24C04A-10PI-2.7			
QB01	23314965	TRANSISTOR, KTC3198 Y			
QS63	23205264	TRANSISTOR, NPN KTC2874A			
QS64	23205264	TRANSISTOR, NPN KTC2874A			
D408	23118052	DIODE, RU4Z LF-L1			
<b>MISCELLANEOUS</b>					
B110	23929683	BACK TERMINAL BOARD			
F470A	23165102	FUSE HOLDER, CLIP, PC-BOARD D=5.2			
F801A	23165102	FUSE HOLDER, CLIP, PC-BOARD D=5.2			
F802A	23165102	FUSE HOLDER, CLIP, PC-BOARD D=5.2			
F803A	23165102	FUSE HOLDER, CLIP, PC-BOARD D=5.2			
△ M461B	23509110	CABLE, FOCUS			
M461C	23509371	CABLE ASSY, SCREEN			
P405	23368578	CONNECTOR, PLUG 4P, 2.5MM G JST-EH, B4B-EH-F1-TV4			
P501	23368579	CONNECTOR, PLUG 5P, 2.5MM G JST-EH, B5B-EH-F1-TV4			
P901	23368579	CONNECTOR, PLUG 5P, 2.5MM G JST-EH, B5B-EH-F1-TV4			
P902	23368578	CONNECTOR, PLUG 4P, 2.5MM G JST-EH, B4B-EH-F1-TV4			
PV02	23365573	CONNECTOR, JACK, PIN(2E:OFF+2R:OFF+2			
△ V901A	23903174	SOCKET, ISH46S-EN ING ISH46S-EN			
<b>PC BOARD ASSEMBLIES</b>					
* U901	23788425	PC BOARD ASSY, CRT DRIVE CRT.D PD0629D			
* U902	23788424	PC BOARD ASSY, MAIN PD1050C PWU			
<b>PICTURE TUBE</b>					
△ V901	23312973	PICTURE TUBE, TDD32FSAK A80AKB50X05			
<b>ACCESSORIES</b>					
K912	23306517	REMOCON HAND UNIT IR, CTVUSA CT-90157			
Y101	23565887	OWNER'S MANUAL, ENGLISH/FRENCH			
<b>CABINET PARTS</b>					
△ A201	23530958	COVER, FRONT COVER ASSY			
A243	23430225	FILTER RMT TNP LOCAL CF32E50			
A244	23445732	BUTTON, POWER BUTTON			
A245	23445731	BUTTON, CONTROL BUTTON			
A249	23836492	SPRING			
A411	23426481	BACK COVER, CF32E50			
A701	23525037	CARTON BOX, CX32F60			
A703	23935368	TOP PACKING LOCAL CF32E50			
A708	23935369	PACKING, BOTTOM, CF32E50			

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